## I CLAIM:

- 1 1. A mobile digital security system comprising:
- a digital video recorder disposed in each of at least one mobile unit and
  operable to generate a digital video/data signal;
- a wireless interface coupled to the digital video recorder for encapsulating and transmitting the digital video/data signal;
- a wireless device coupled to the wireless interface through a wireless network for receiving the encapsulated and transmitted digital video/data signal; and
- a server for processing the received digital video/data signal.
- 1 2. The mobile digital security system of claim 1, wherein the wireless network
- 2 is a TCP/IP based network.
- 1 3. The mobile digital security system of claim 2, wherein the wireless network
- 2 is a 802.11b wireless WLAN.
- 1 4. The mobile digital security system of claim 1, wherein the server is
- 2 operable to communicate with the digital video recorder.
- 1 5. The mobile digital security system of claim 1, wherein the mobile unit is a
- 2 police vehicle and the server is disposed in a police station.
- 1 6. The mobile digital security system of claim 1, wherein the server is
- 2 operable to provide remote video/data management.
- 1 7. The mobile digital security system of claim 1, wherein the server is
- 2 operable to provide a real time streaming gateway to a plurality of digital video
- 3 recorders.

- 1 8. The mobile digital security system of claim 1, wherein the server is
- 2 operable to provide remote real time backup at a variable frame rate.
- 1 9. The mobile digital security system of claim 8, wherein the variable frame
- 2 rate comprises a frame rate from one-half frame per second to thirty frames per
- 3 second.
- 1 10. The mobile digital security system of claim 1, wherein the server is
- 2 operable to provide post recording backup.
- 1 11. The mobile digital security system of claim 1, wherein the server is
- 2 operable to provide a log system for tracking an event.
- 1 12. The mobile digital security system of claim 1, wherein the server is
- 2 operable to provide a log system for tracking an access to the server.
- 1 13. The mobile digital security system of claim 1, wherein the server is
- 2 operable to provide HTML based configuration with password authentication.
- 1 14. The mobile digital security system of claim 1, wherein the server is
- 2 operable to provide triplex real time backup.
- 1 15. The mobile digital security system of claim 1, wherein the server is
- 2 operable to provide real time monitoring.
- 1 16. The mobile digital security system of claim 1, wherein the server is
- 2 operable to provide playback.
- 1 17. The mobile digital security system of claim 1, further comprising a remote
- 2 viewing device coupled to the server.

- 1 18. The mobile digital security system of claim 17, wherein the server
- 2 comprises an IP based streaming module operable to provide digital video/data
- 3 to the remote viewing device.
- 1 19. The mobile digital security system of claim 1, wherein the server
- 2 comprises an event triggering macro operable to send data to the digital video
- 3 recorder.
- 1 20. The mobile digital security system of claim 1, wherein the server is
- 2 operable to provide time and event search queue management.
- 1 21. The mobile digital security system of claim 1, wherein the server
- 2 comprises a digital right management module operable to provide playback
- 3 authentication.
- 1 22. The mobile digital security system of claim 1, further comprising a
- 2 monitoring station.
- 1 23. The mobile digital security system of claim 22, wherein the server
- 2 comprises a protocol for real time synchronization between the monitoring station
- 3 and the digital video recorder.
- 1 24. The mobile digital security system of claim 1, wherein the server is
- 2 operable to provide data synchronization in a database.
- 1 25. A method of providing mobile digital security comprising the steps of:
- 2 generating digital video/data at a mobile unit;
- 3 encapsulating and transmitting the digital video/data;
- 4 receiving the encapsulated and transmitted digital video/data; and
- 5 processing the received digital video/data.

- 1 26. The method of providing mobile digital security of claim 25, wherein the
- 2 digital video/data is generated by a digital video recorder.
- 1 27. The method of providing mobile digital security of claim 26, further
- 2 comprising the step of transmitting digital control data to the digital video recorder
- 3 over an IP network.
- 1 28. The method of providing mobile digital security of claim 25, wherein the
- 2 digital video/data is stored in a digital storage media.
- 1 29. The method of providing mobile digital security of claim 25, wherein the
- 2 digital video/data is transmitted over a wireless TCP/IP based network.
- 1 30. The method of providing mobile digital security of claim 25, wherein the
- 2 digital video/data is processed by a server.
- 1 31. The method of providing mobile digital security of claim 30, wherein the
- 2 digital video/data is synchronized with a server database in real time.
- 1 32. The method of providing mobile digital security of claim 31, wherein the
- 2 synchronized digital video/data is accessible at standard interfaces to remote
- 3 clients.
- 1 33. The method of providing mobile digital security of claim 25, further
- 2 comprising the step of providing encrypted password authentication before
- 3 encapsulating and transmitting the digital video/data to a server.
- 1 34. The method of providing mobile digital security of claim 25, further
- 2 comprising the step of transmitting the processed digital video/data to a remote
- 3 client over an IP network.